

CONFIDENTIAL

Approved For Release 2003/06/24 : CIA-RDP79-01578A000200090011-8
UNITED STATES GOVERNMENT

Memorandum

OCE-M-74-538

DATE: 26 NOV 1974

TO : ADP Systems Administrator, OC

FROM : Acting Chief, Communications Engineering

25X1
SUBJECT: ☐ Network Computer Simulation

25X1
1. The existing ☐ network is presently being examined to determine what improvements are required to fulfill expected customer demands for additional communications services. The scope of this effort is all-encompassing and, as such, necessitates a detailed analysis of all segments of the network from the origin of a message to its final destination. In order to effectively choose among the many alternative system approaches, a software simulation would be an invaluable aid. This program would also be maintained as an up-to-date model to allow future requirements or stresses to be readily examined.

25X1
2. It has been determined that the Modeling and Simulations Branch of DCA Engineering has two models already developed for network simulation purposes. In discussions with them, they agreed to assist us with adapting their model to the ☐ network. In order to ensure that this effort will produce a model compatible with the Headquarters computer systems, representatives of the OJCS Applications Division have agreed to assist in this development effort. Once accomplished, OJCS personnel will be required to assist in the analysis of the model to determine its accuracy and what modifications, if any, would be desirable to have it more closely approximate our network.

3. It is anticipated that approximately one man-month of OJCS effort will be required in this initial phase, however, no computer processing time will be requested until its feasibility is ascertained.. Although this estimate does exceed the man-hours programmed for this project, because of its significance, it is requested that the attached Form 930 authorizing use of available FY-75 Resource Programming be forwarded to OJCS.

Attachment: Form 930

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Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan



25X1 SUBJECT: Network Computer Simulation

Distribution:

Original - Addressee, w/att (1 set)

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CLASSIFICATION

SEE INSTRUCTIONS
ON BACK OF SET

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COMPUTER SERVICES REQUEST/ACTION FORM

TO: Chief, Application Division, OJCS 2 E 23 Headquarters

1. REQUESTING OFFICE

DDA/OC-E

2. REQUESTER'S CONTROL NO.

3. REQUESTER'S NAME

4. EXTENSION

5. DATE

14 November 1974

6. SERVICES REQUESTED (use additional sheets if necessary)

Examine the feasibility of computer simulating the Staff Communications Network, and in this endeavor, assist in the analysis of the existing DCA network models to determine if they can be adapted to the Staff network.

7. TYPE OF REQUEST

PRODUCTION

PROGRAM FIX

ONE TIME

MODIFICATION

XX

NEW REQ'T

OTHER (specify)

8. PROJECT NAME

MODEL

9. COST NOT TO EXCEED

\$2500.

10. COST-OTHER THAN ADP

\$ 00

11. TARGET DATE

31 Dec. 74

12. APPROVED BY

R. B. 2 DEC 74

DO NOT WRITE BELOW THIS LINE - TO BE COMPLETED BY OJCS

CUST. CODE	PRISM NO. - SUB. NO.	ACTIVITY	DATE RECEIVED	DATE COMPLETED	PRODUCTION DATE
FEASIBILITY		DESIGN	PRE-PRODUCTION		
PROPOSAL		DETAIL DESIGN	OTHER		
EST. MANHOURS		EST. MACH. COST	TOTAL COST	TARGET DATE	
1.					
2.					
TEAM MEMBERS (#1 leader)		START DATE	EST. END DATE	TEAM MEMBERS	START DATE EST. END DATE
1.				6.	
2.				7.	
3.				8.	
4.				9.	
5.				10.	

REMARKS

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